

ELEVATED PORE PHASE-CHANGE MEMORY

Abstract of the Disclosure

5 An elevated phase-change memory cell facilitates
manufacture of phase-change memories by physically
separating the fabrication of the phase-change memory
components from the rest of the semiconductor substrate.
In one embodiment, a contact in the substrate may be
electrically coupled to a cup-shaped conductor filled with
an insulator. The conductor couples current up to the
10 elevated pore while the insulator thermally and
electrically isolates the pore.